



News Release

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SWITCHING TO LED SIGNAL LIGHTS
CONSERVES ENERGY, SAVES CITY OF NAMPA MONEY

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State Energy managers are praising the City of Nampa for saving taxpayers almost \$3,000 yearly just by switching to 51 traffic light bulbs designed to dramatically reduce electricity use, the Idaho Energy Division said today.

The City switched the red and green bulbs in 51 traffic lights from incandescent lamps to light emitting diode (LED) bulbs. The LED bulbs use 10 watts of power for red and 12 watts of power for green. The incandescent bulbs that were previously being used consumed 139 watts of power.

That dramatic cut in electricity demand results in a savings to the city of 54,348 kilowatt hours in electricity and an annual cost savings of \$2,717, Idaho Energy Division specialists said. The City did not replace yellow bulbs in the intersections because they burn for such a short period of time.

State energy conservation specialists also point to additional savings involved following Nampa's conversion to the LED traffic lights. The LED lamps typically last three to four times longer, or even more, than the incandescent lamps the City used before. That extra life translates into a potential 75 to 80 reduction in relamping costs.

Nor do the savings include maintenance costs involved in maintaining traffic signals using incandescent bulbs.

Tom Stradley, a signal technician with the City of Nampa, said the City has plans to replace incandescent lights with LED bulbs at another five intersections provided fund is available.